Geo-Referenced Information Portal (GRIP)

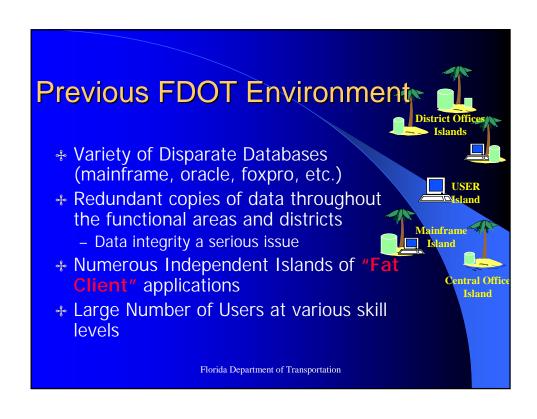
John Van Vliet & Jared Lish Xmarc, Inc. April 11, 2001

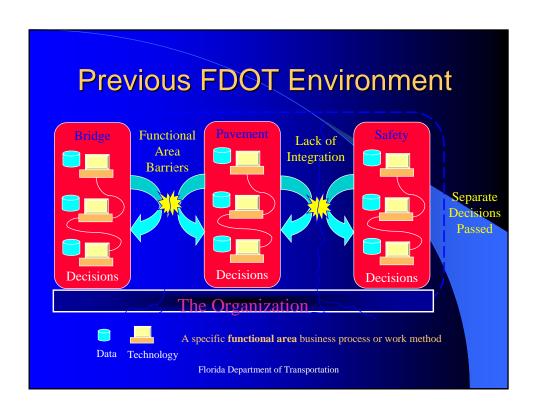


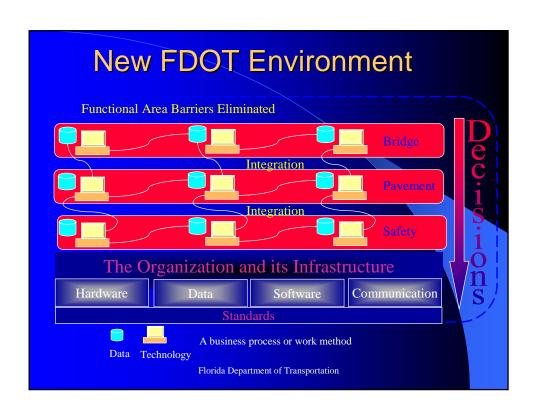
Agenda

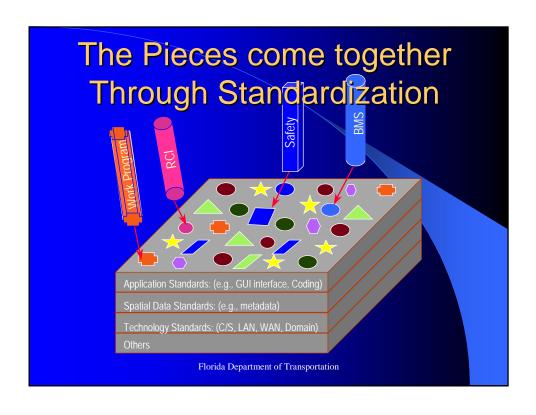
- ♣ Previous V.S. New GRIP Environment
- ♣ GRIP Business Drivers & Key Concepts
- ♣ Goals of the GRIP Solution
- **♣** GRIP Solution
- Ancillary Benefits
- ♣ FDOT GRIP Demonstration



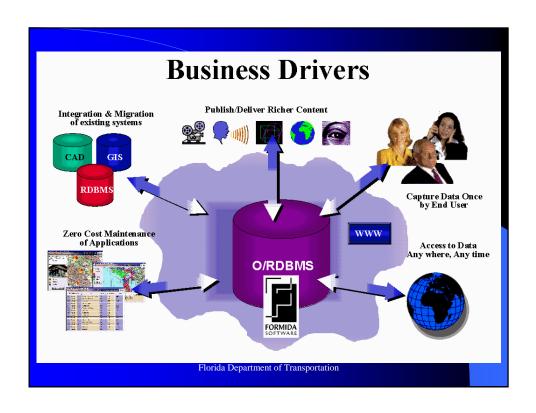




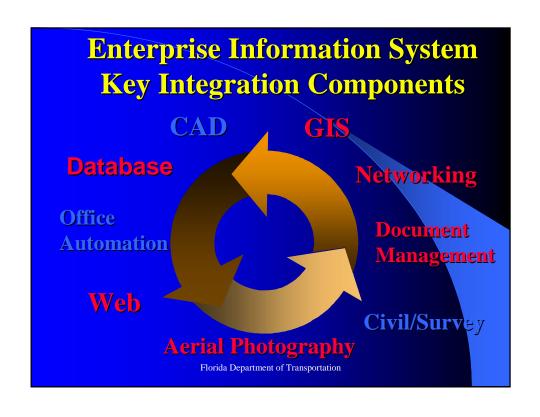


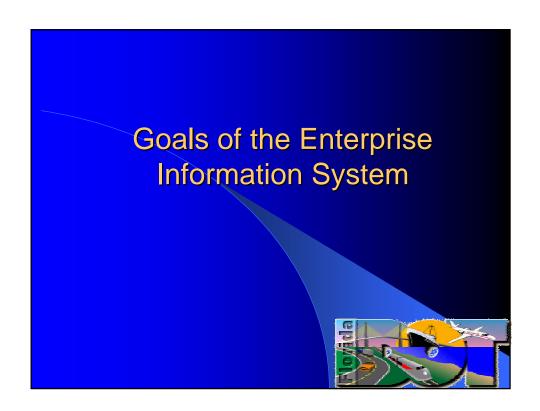


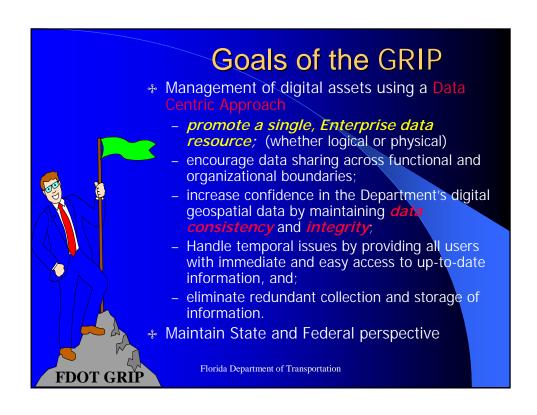


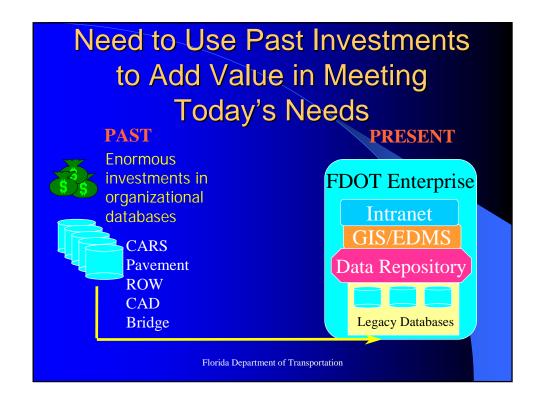




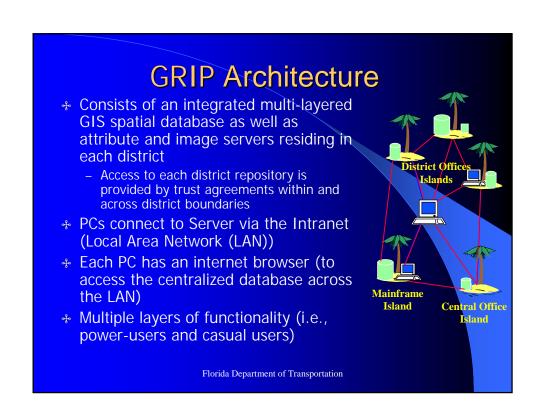












FDOT Business Requirement	FDOT GRIP
Integration, Dissemination, & Leverage	V
Centralized access to the Department's business data	~
Handle numerous data formats and types	
Increase timeliness and responsiveness	V
Perform basic spatial analysis (visualization, queries, & reporting capabilities)	~
Access to electronic documents (contracts, accidents, etc.)	/
Consistent data reporting	
Provide access to the ALL Department users who have a PC and Intranet access	~
User friendly interface Florida Department of Transportation	V

Additional GRIP Features		
Features	Benefits	
Write Once Deploy Many	Decreased deployment \$	
Very thin Client	minimal resources	
Version Control	Lower Maintenance costs	
Centralized Management	Easy to configure, Increased Security Controls	
Web Browser Based	Lower training costs and smaller learning curve = increased productivity	
Scalability	Unlimited # of Users	
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Ancillary Benefits of GRIP

- ♣ Productivity gain
- Better decision support
- Provides a tool for improving quality control
- Reduction of application and data islands

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Geo-Referenced Information Portal

- 1. Build Upon and Enhance Existing Standards
 - GIS
 - Transportation Model
 - Base Map
- 2. Develop an Enterprise Information System Approach
- 3. Evolutionary Development Consisting of
- Phase 1 Creation of GRIP Vision, Functional and Data Requirements, Program Structure
 - Develop Enterprise Base Map
- Phase 2 Rapid Application Development of GRIP Working Prototype with minimal functionality
- Phase 3 Integration of Priority Data Areas
 - Integration of Transportation Model Data in GIS
 - Database Design, Application Design & Refinement, and Technical Architecture
- Phase 4 Make GRIP accessible to all users via Intranet and Browser GUI
 - Port all data into Oracle data repository
- Phase 5 Develop additional applications for different users sharing same database

Phase 1 thru 4 running from September 1999 to December 2000.

Decision 5 yet to be taken

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